



Image may be representation.  
See specifications for product details.



## TIP42AG

Manufacturer Part Number	<b>TIP42AG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-TIP42AG
ECAD Model	Request Free CAD Models
Parts Description	TRANS PNP 60V 6A TO220
Package	TO-220-3
Data sheet	<b>TIP41(A,B,C),TIP42(A,B,C).pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TIP42AG - onsemi.New Original in Stock. Download Linear Technology TIP42AG datasheet/specifications on AllelcoElec.com.  
Request a quote for TIP42AG, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TIP42AG Tech Specifications  
TIP42AG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Collector Emitter Breakdown (Max)	60 V	Operating Temperature	-65°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1.5V @ 600mA, 6A	Mounting Type	Through Hole
Transistor Type	PNP	Frequency - Transition	3MHz
Supplier Device Package	TO-220	DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 3A, 4V
Series	-	Current - Collector Cutoff (Max)	700µA
Power - Max	2 W	Current - Collector (Ic) (Max)	6 A
Package / Case	TO-220-3	Base Product Number	TIP42

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TIP42AG

Product Attribute				
Part Number	TIP42AG	TIP42B	TIP42BG	TIP42A
Manufacturer	onsemi	Harris Corporation	onsemi	STMicroelectronics
Current - Collector (Ic) (Max)	6 A	6 A	6 A	6 A
Power - Max	2 W	2 W	2 W	2 W
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Supplier Device Package	TO-220	TO-220-3	TO-220	TO-220
Current - Collector Cutoff (Max)	700µA	700µA	700µA	700µA
Series	-	-	-	-
Voltage - Collector Emitter Breakdown (Max)	60 V	40 V	80 V	60 V
Base Product Number	TIP42	-	TIP42	TIP42
Package	Tube	Tube	Tube	Tube
Operating Temperature	-65°C ~ 150°C (TJ)	150°C (TJ)	-65°C ~ 150°C (TJ)	150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	1.5V @ 600mA, 6A	1.5V @ 600mA, 6A	1.5V @ 600mA, 6A	1.5V @ 600mA, 6A
Transistor Type	PNP	PNP	PNP	PNP
Frequency - Transition	3MHz	3MHz	3MHz	-
DC Current Gain (hFE) (Min) @ Ic, Vce	15 @ 3A, 4V	30 @ 300mA, 4V	15 @ 3A, 4V	15 @ 3A, 4V
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

## TIP42AG Datasheet PDF

Download TIP42AG pdf datasheets and onsemi documentation for TIP42AG - onsemi.

### Datasheets

TIP41(A,B,C),TIP42(A,B,C).pdf

### Environmental Information

onsemi RoHS.pdf

### PCN Design/Specification



















TO-220 Case Outline Update 18/Sep/2014.pdf

### PCN Assembly/Origin

Mult Dev 30/Mar/2023.pdf

## Customers Also Interested in

## Recommended Products

 <b>TIP42B</b> Harris Corporation TRANS PNP 40V 6A TO220-3	 <b>TIP42BG</b> onsemi TRANS PNP 80V 6A TO220	 <b>TIP42A</b> STMicroelectronics TRANS PNP 60V 6A TO220	 <b>TIP41CTU</b> Fairchild Semiconductor TRANS NPN 100V 6A TO220-3	 <b>TIP42A</b> Harris Corporation TRANS PNP 60V 6A TO220AB	 <b>TIP42C</b> Harris Corporation TRANS PNP 100V 6A TO220-3
 <b>TIP41CTU</b> onsemi TRANS NPN 100V 6A TO220-3	 <b>TIP42B</b> onsemi TRANS PNP 80V 6A TO220	 <b>TIP41CL</b> UTC	 <b>TIP42C</b> onsemi TRANS PNP 100V 6A TO220-3	 <b>TIP42B</b> Fairchild Semiconductor TRANS PNP 80V 6A TO220-3	 <b>TIP42C</b> NTE Electronics, Inc TRANS PNP 100V 6A TO220
 <b>TIP41CG</b> onsemi TRANS NPN 100V 6A TO220	 <b>TIP41CL-C-TN3-R</b> UTC	 <b>TIP41CTU_F129</b> Fairchild (onsemi)	 <b>TIP42A</b> NTE Electronics, Inc TRANS PNP 60V 6A TO220	 <b>TIP42C</b> STMicroelectronics TRANS PNP 100V 6A TO220	 <b>TIP42B</b> NTE Electronics, Inc TRANS PNP 80V 6A TO220

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

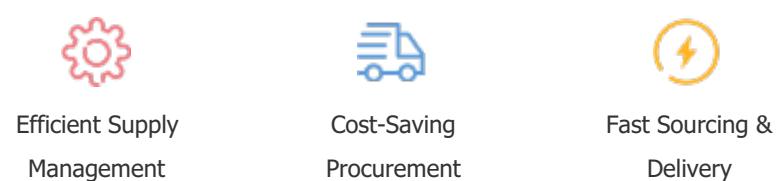
## Payment Support

The payment method can be chosen from the methods shown below:

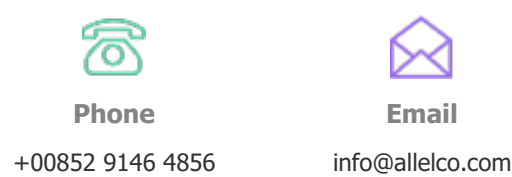
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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